

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136891.D
 Acq On : 03 Jan 2024 01:38
 Operator : CG\JU
 Sample : 06016-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-0-2

Quant Time: Jan 03 02:08:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73039	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	273370	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	136060	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	242121	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	134866	20.000	ng	-0.01
86) Perylene-d12	15.439	264	139236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	410238	87.636	ng	0.00
7) Phenol-d6	6.428	99	534916	88.188	ng	-0.01
23) Nitrobenzene-d5	7.345	82	332482	62.236	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	128124	79.957	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	650522	64.306	ng	-0.02
79) Terphenyl-d14	12.898	244	576455	59.732	ng	-0.02

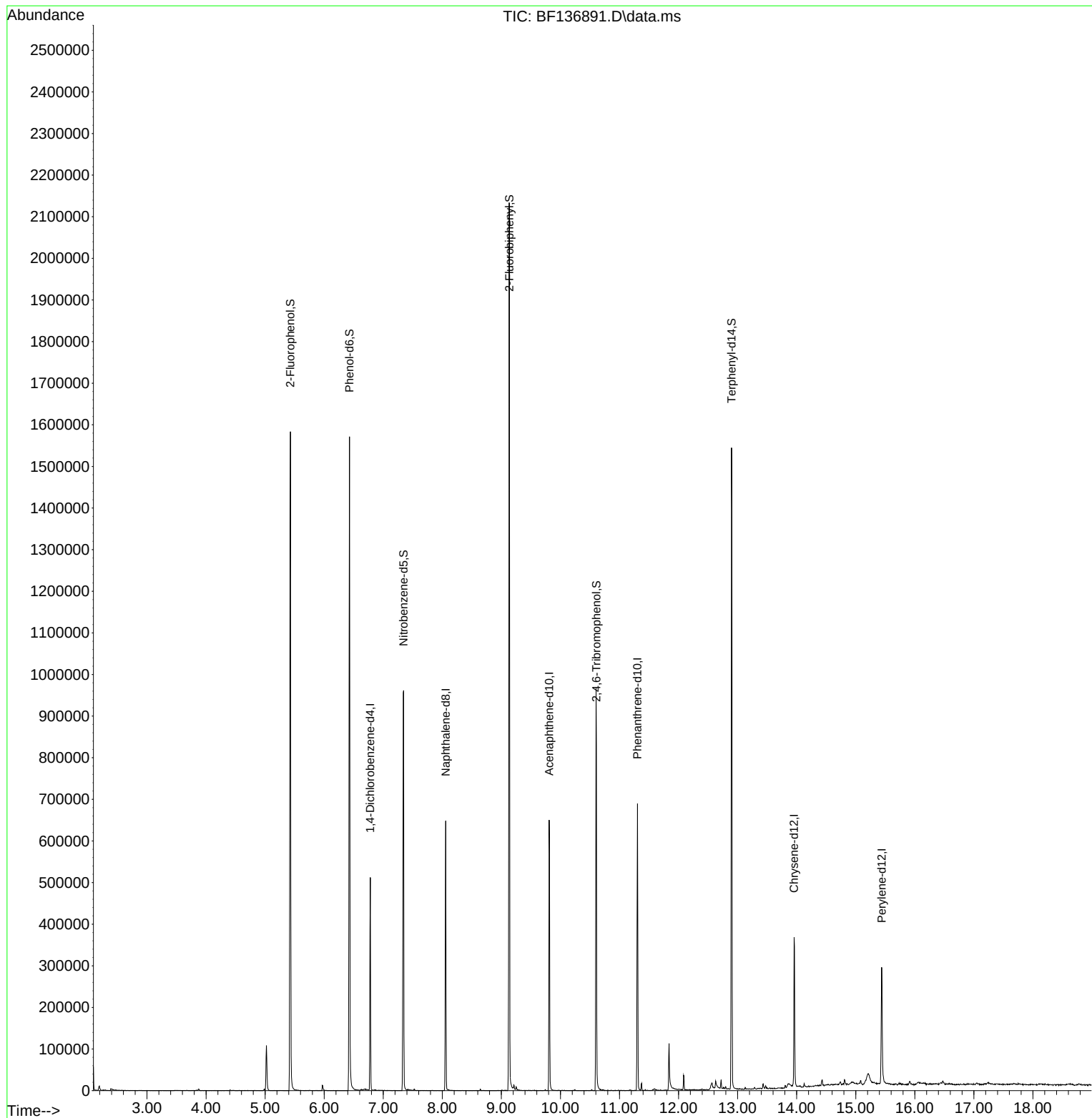
Target Compounds	Qvalue

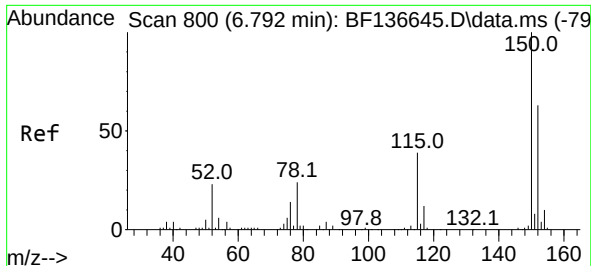
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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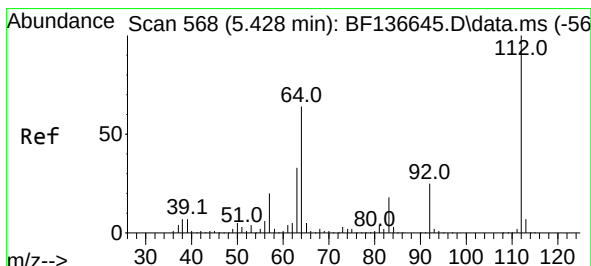
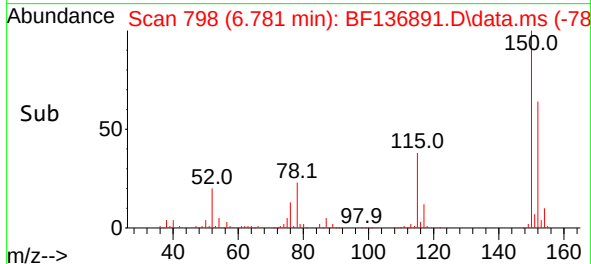
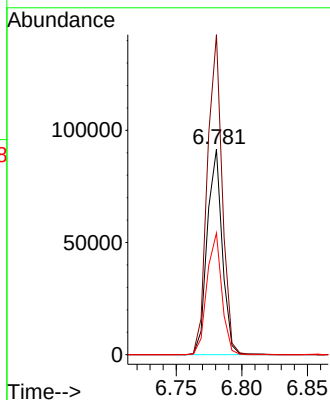
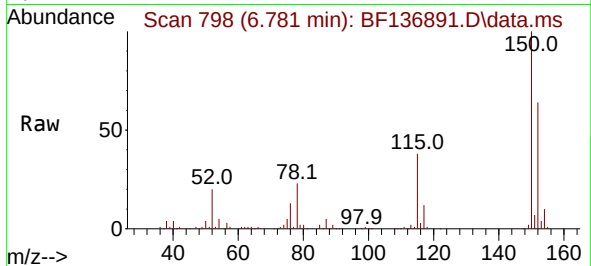




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

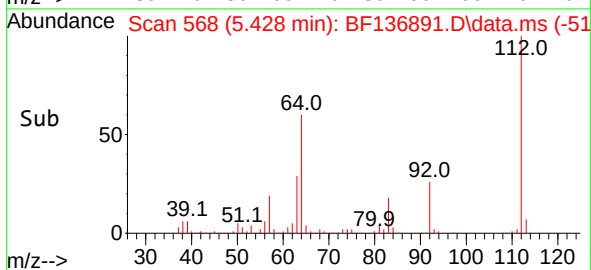
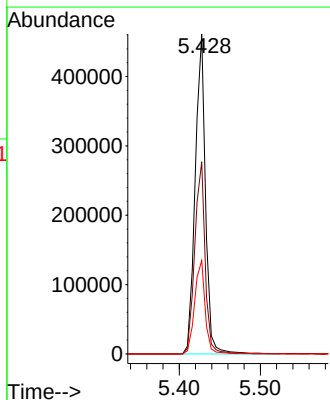
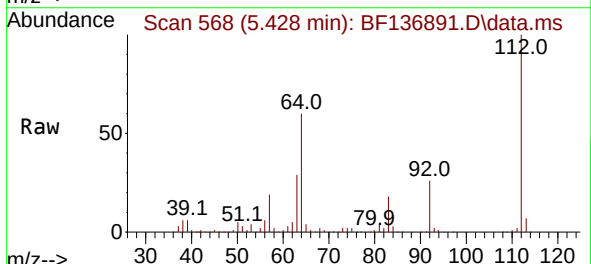
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

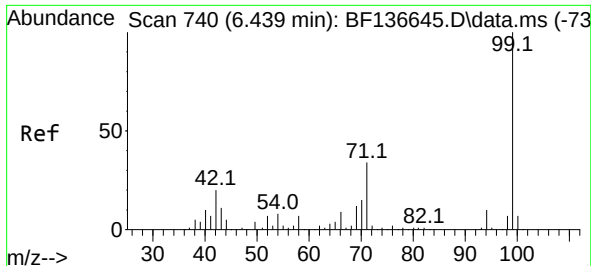
Tgt Ion:152 Resp: 73039
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 59.2 49.0 73.4



#5
2-Fluorophenol
Concen: 87.636 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Tgt Ion:112 Resp: 410238
Ion Ratio Lower Upper
112 100
64 60.0 51.1 76.7
63 29.2 26.1 39.1

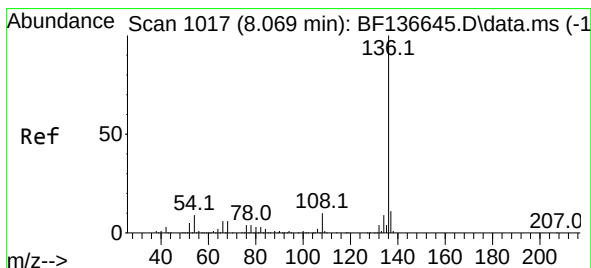
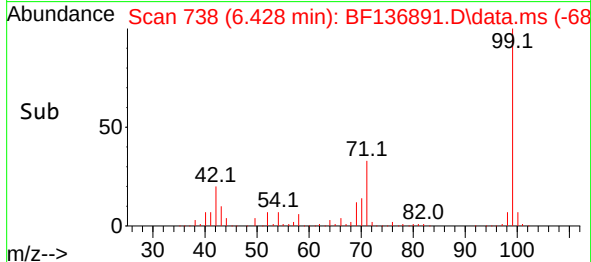
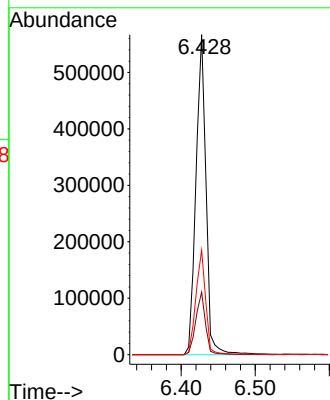
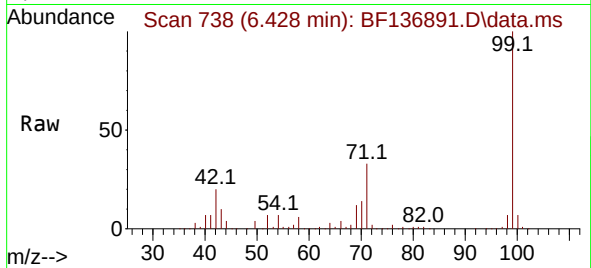




#7
Phenol-d6
Concen: 88.188 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

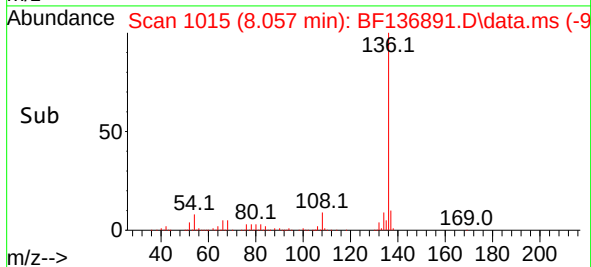
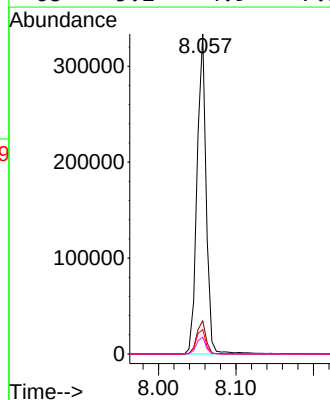
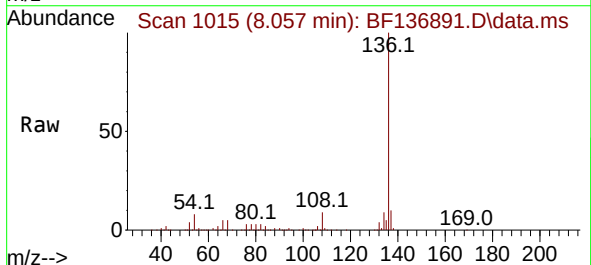
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

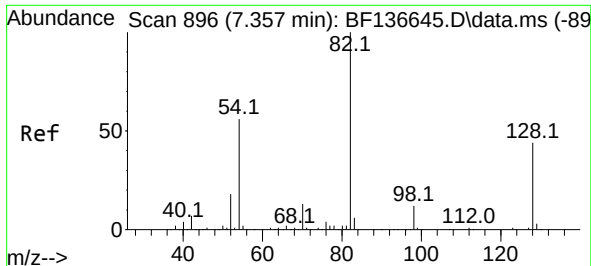
Tgt Ion: 99 Resp: 534916
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 32.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Tgt Ion: 136 Resp: 273370
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.6 7.2 10.8
68 5.2 4.9 7.3

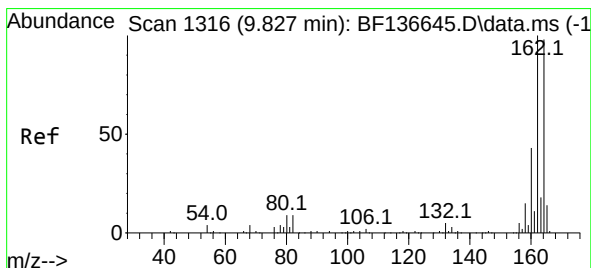
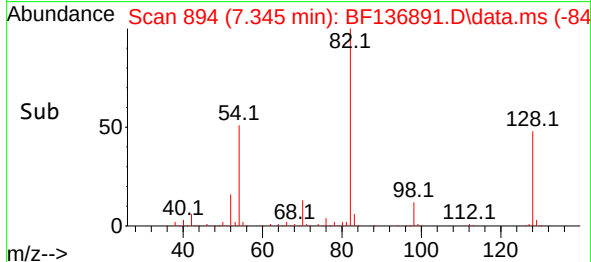
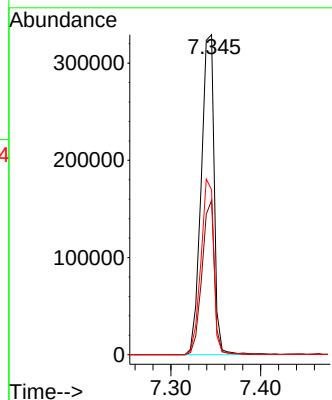
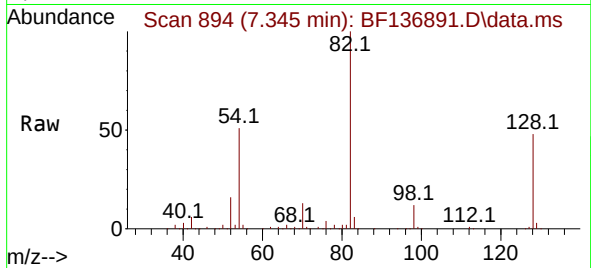




#23
Nitrobenzene-d5
Concen: 62.236 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

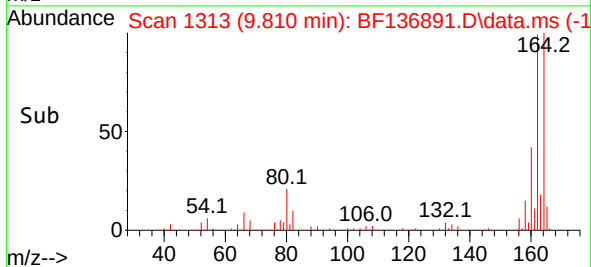
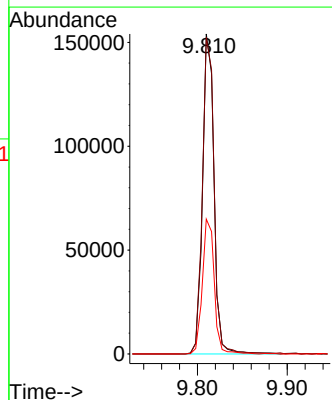
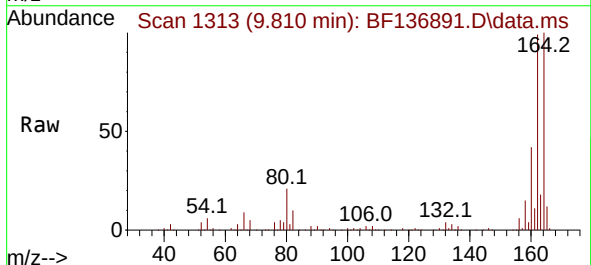
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

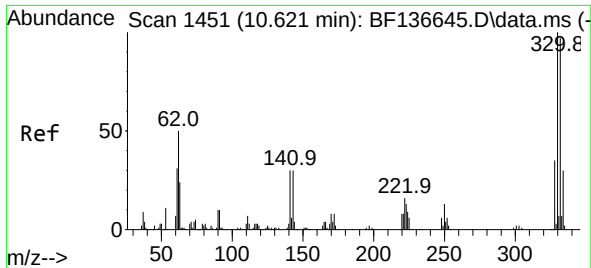
Tgt Ion: 82 Resp: 332482
Ion Ratio Lower Upper
82 100
128 48.2 35.3 52.9
54 51.5 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Tgt Ion:164 Resp: 136060
Ion Ratio Lower Upper
164 100
162 98.9 81.6 122.4
160 42.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 79.957 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136891.D

Acq: 03 Jan 2024 01:38

Instrument :

BNA_F

ClientSampleId :

MR-322-0-2

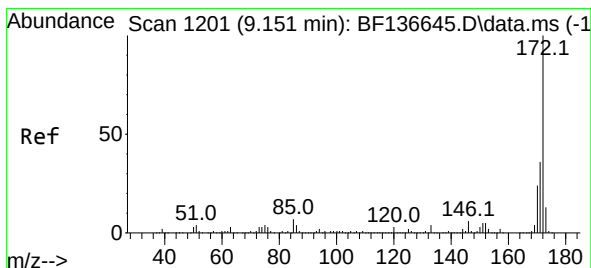
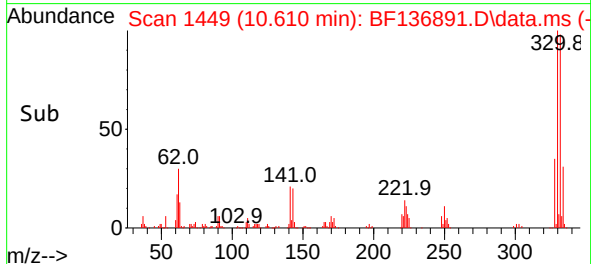
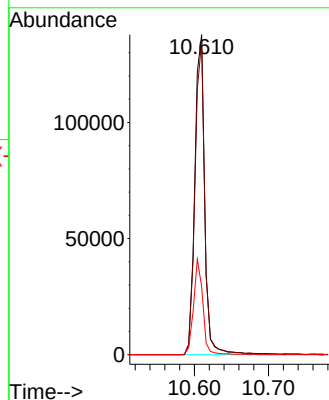
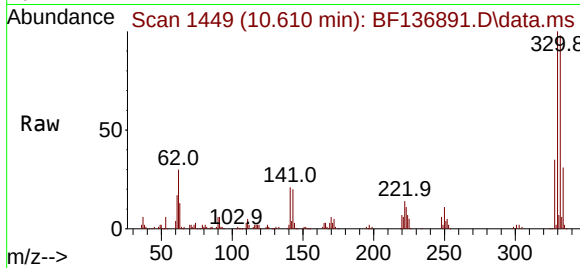
Tgt Ion:330 Resp: 128124

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 64.306 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136891.D

Acq: 03 Jan 2024 01:38

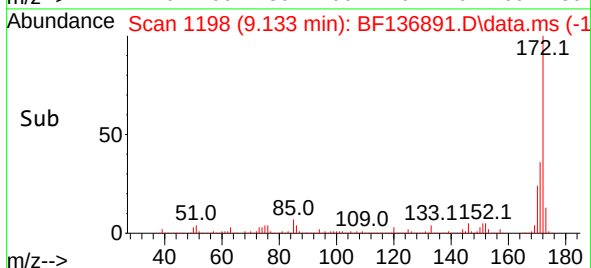
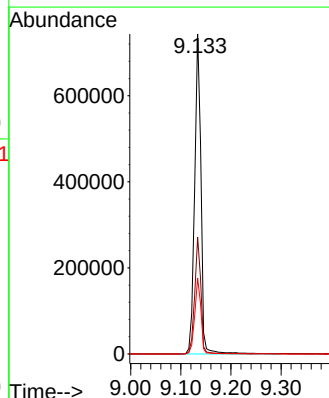
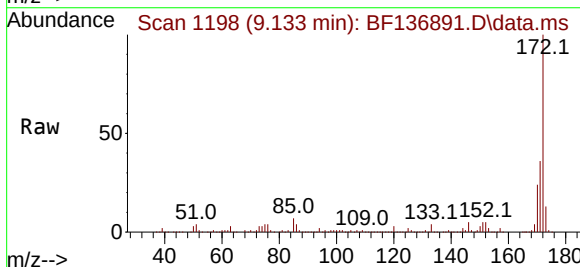
Tgt Ion:172 Resp: 650522

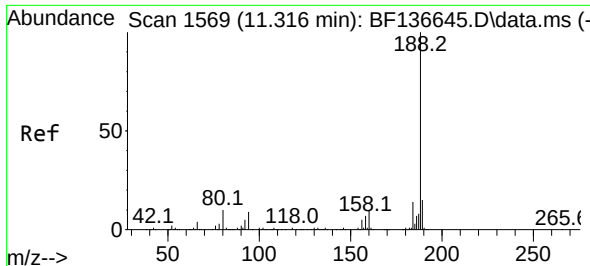
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.7 19.0 28.4

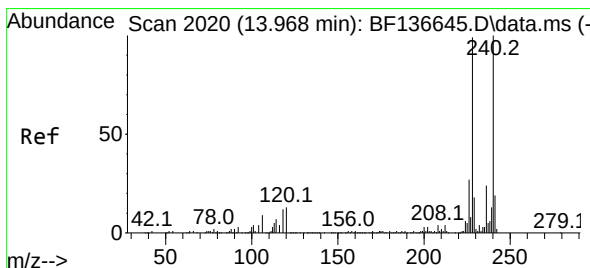
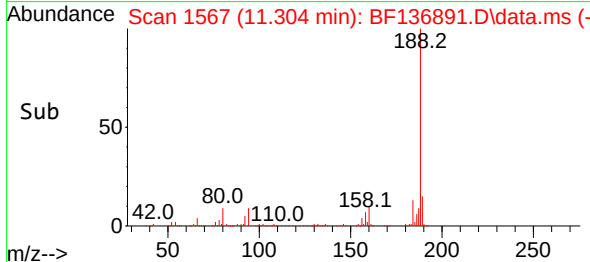
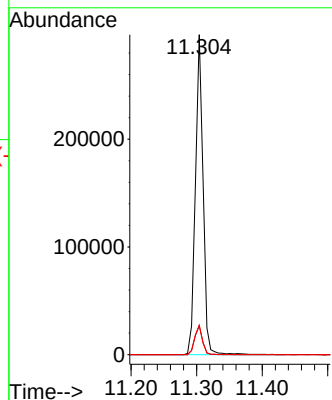
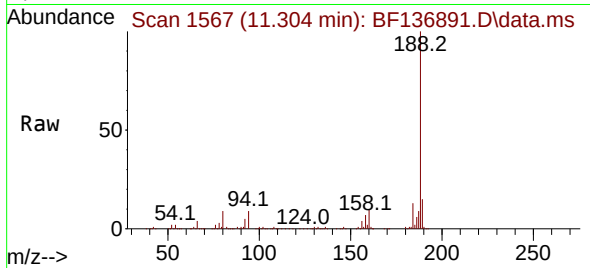




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

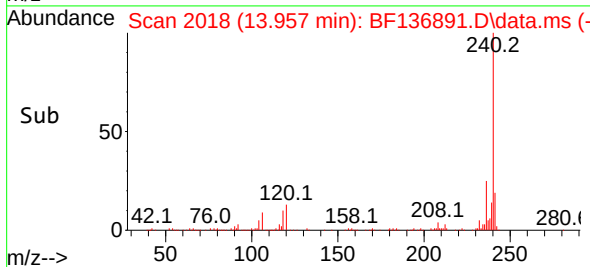
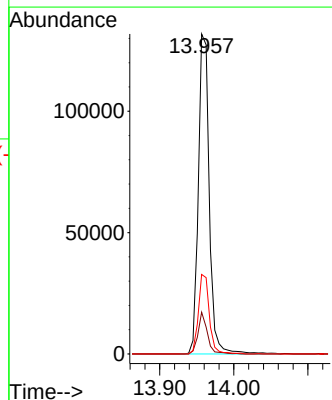
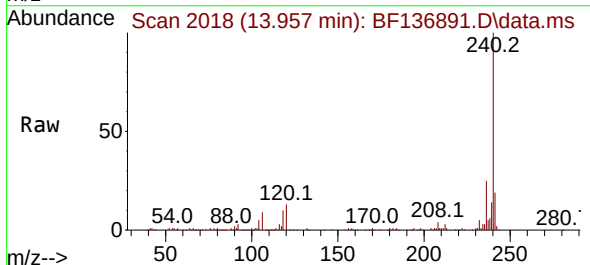
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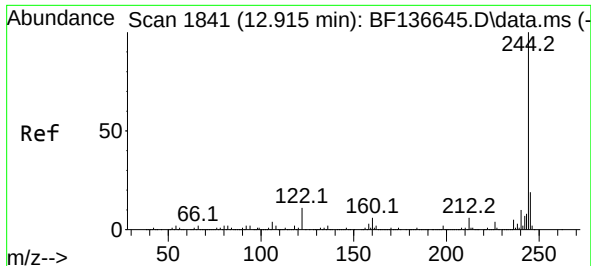
Tgt Ion:188 Resp: 242121
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136891.D
Acq: 03 Jan 2024 01:38

Tgt Ion:240 Resp: 134866
Ion Ratio Lower Upper
240 100
120 13.1 10.3 15.5
236 24.9 19.4 29.2

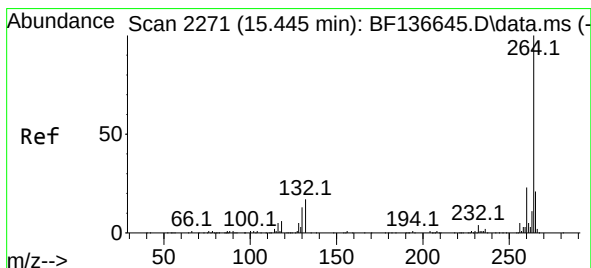
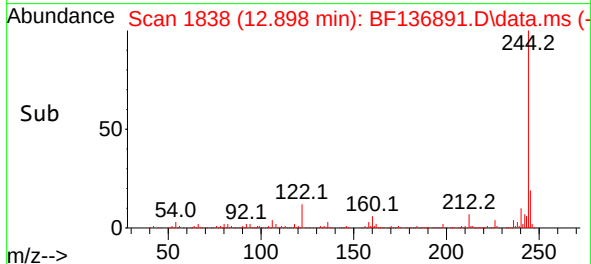
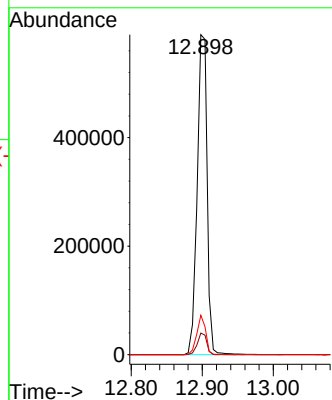
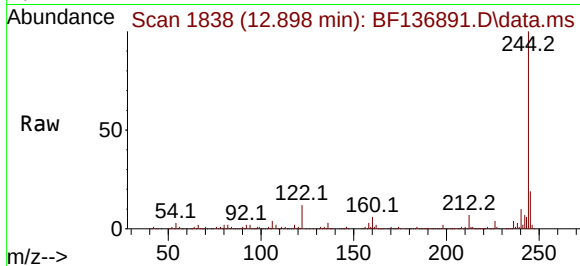




#79
 Terphenyl-d14
 Concen: 59.732 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF136891.D
 Acq: 03 Jan 2024 01:38

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-0-2

Tgt Ion:244 Resp: 576455
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 12.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136891.D
 Acq: 03 Jan 2024 01:38

Tgt Ion:264 Resp: 139236
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 20.1 17.0 25.6

